

FIG.1  
PRIOR ART

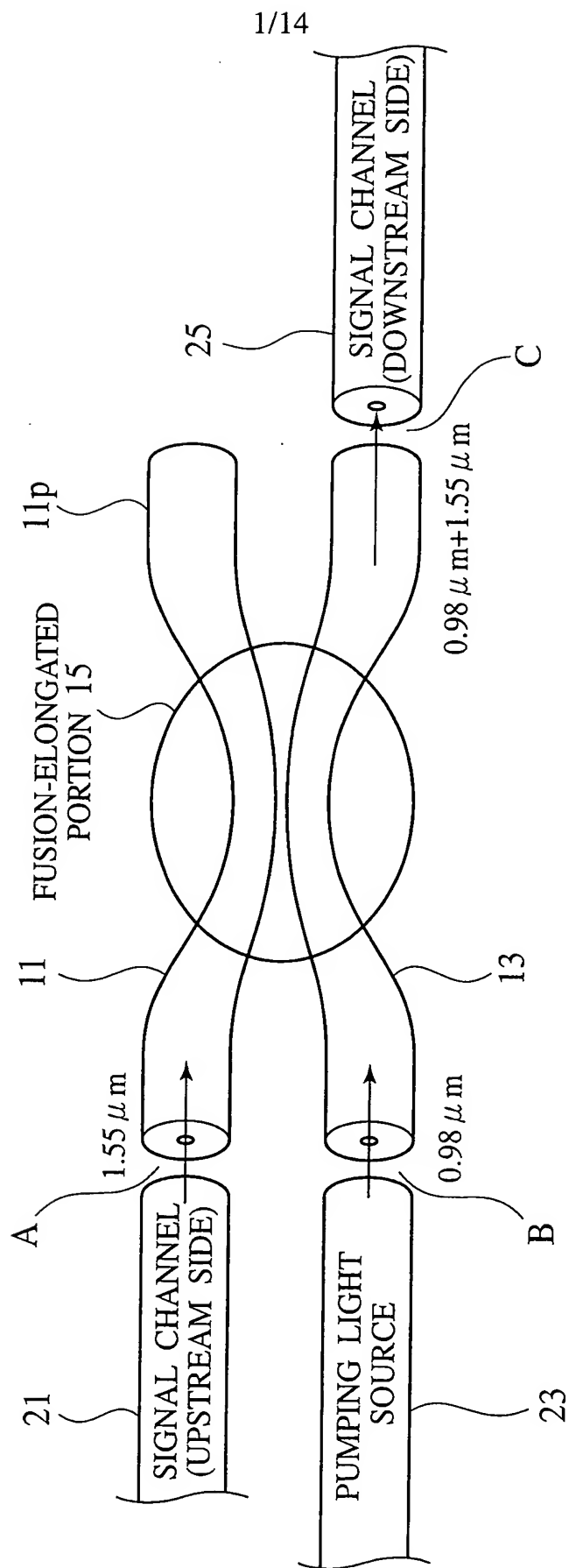


FIG.2  
PRIOR ART

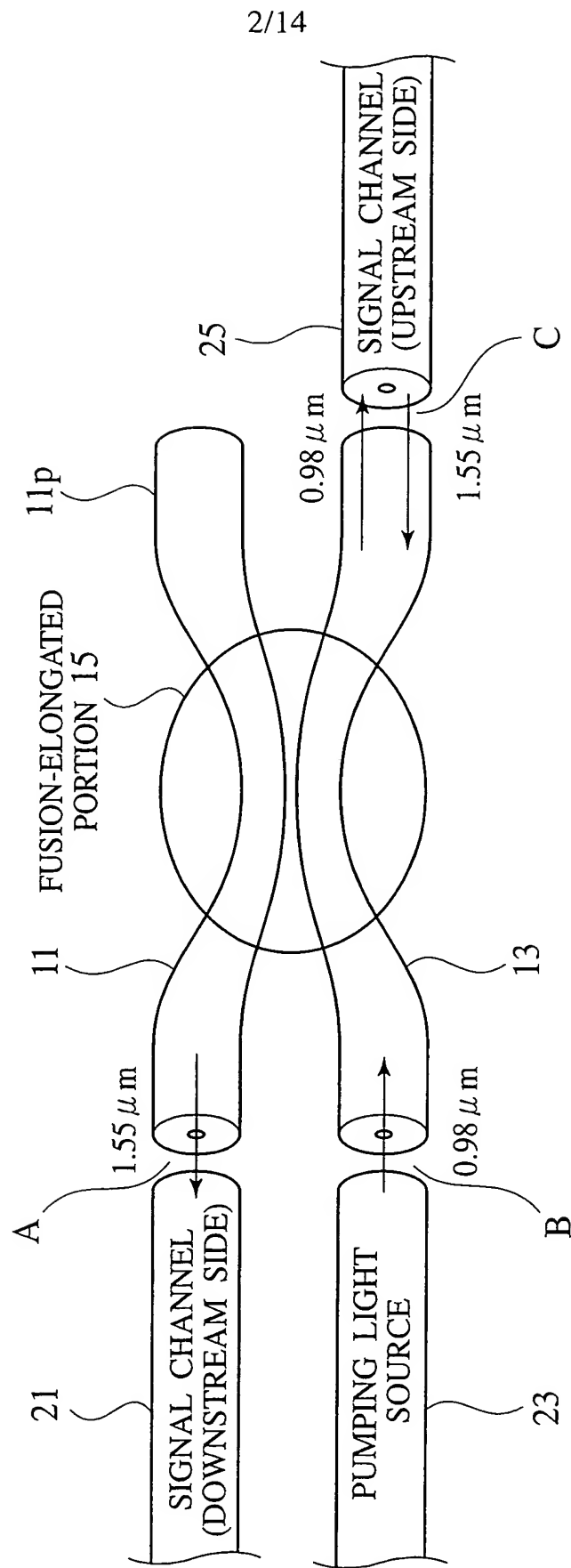


FIG.3

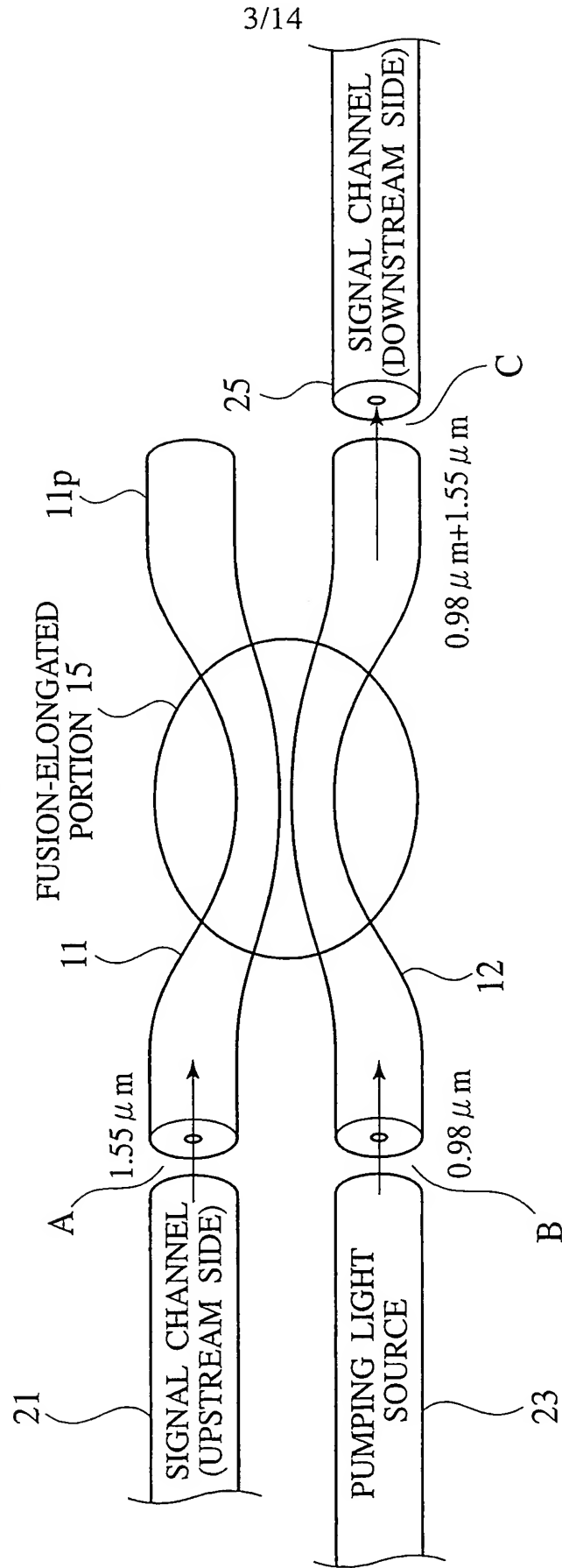


FIG.4A

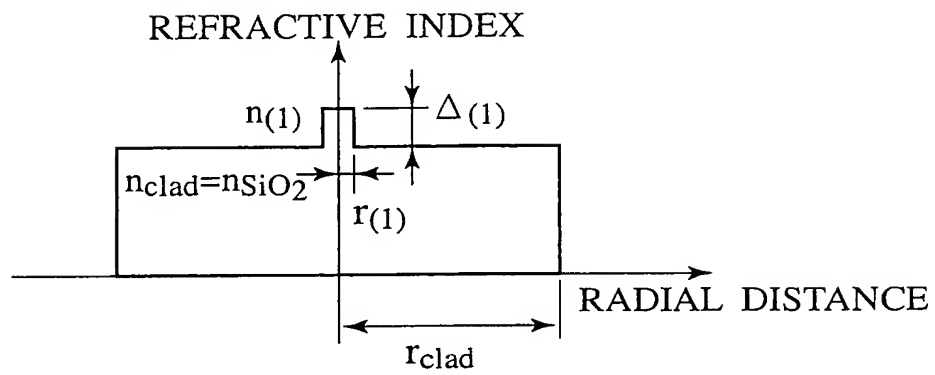


FIG.4B

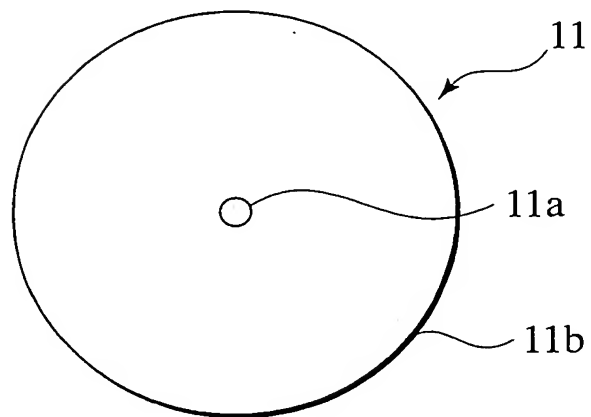


FIG.5A

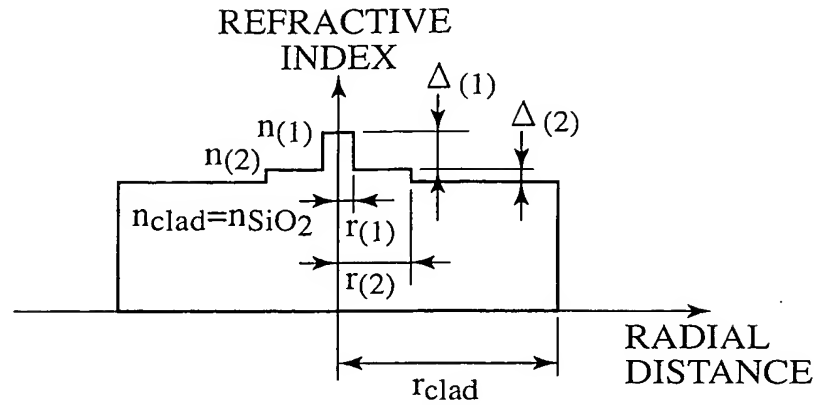


FIG.5B

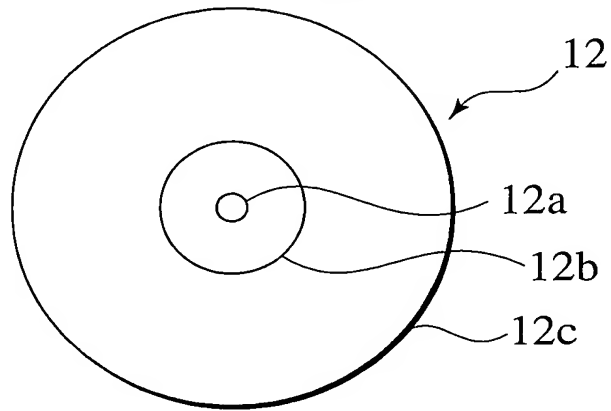


FIG.6

	FIRST CORE RADIUS $r(1)$ ( $\mu\text{m}$ )	FIRST CORE $\Delta$ $\Delta(1)$ (%)	SECOND CORE RADIUS $r(2)$ ( $\mu\text{m}$ )	SECOND CORE $\Delta$ $\Delta(2)$ (%)
(a) 1.55 $\mu\text{m}$ -BAND OPTICAL FIBER	4.4	0.3~0.55	—	—
(b) 0.98 $\mu\text{m}$ -BAND OPTICAL FIBER	2.4	0.6~1	—	—
(c) IMPROVED 0.98 $\mu\text{m}$ -BAND OPTICAL FIBER (1)	2.4	0.6~1	20	0.1
(d) IMPROVED 0.98 $\mu\text{m}$ -BAND OPTICAL FIBER (2)	2.4	0.6~1	20	0.02
(e) IMPROVED 0.98 $\mu\text{m}$ -BAND OPTICAL FIBER (3)	2.4	0.6~1	10	0.02

FIG.7

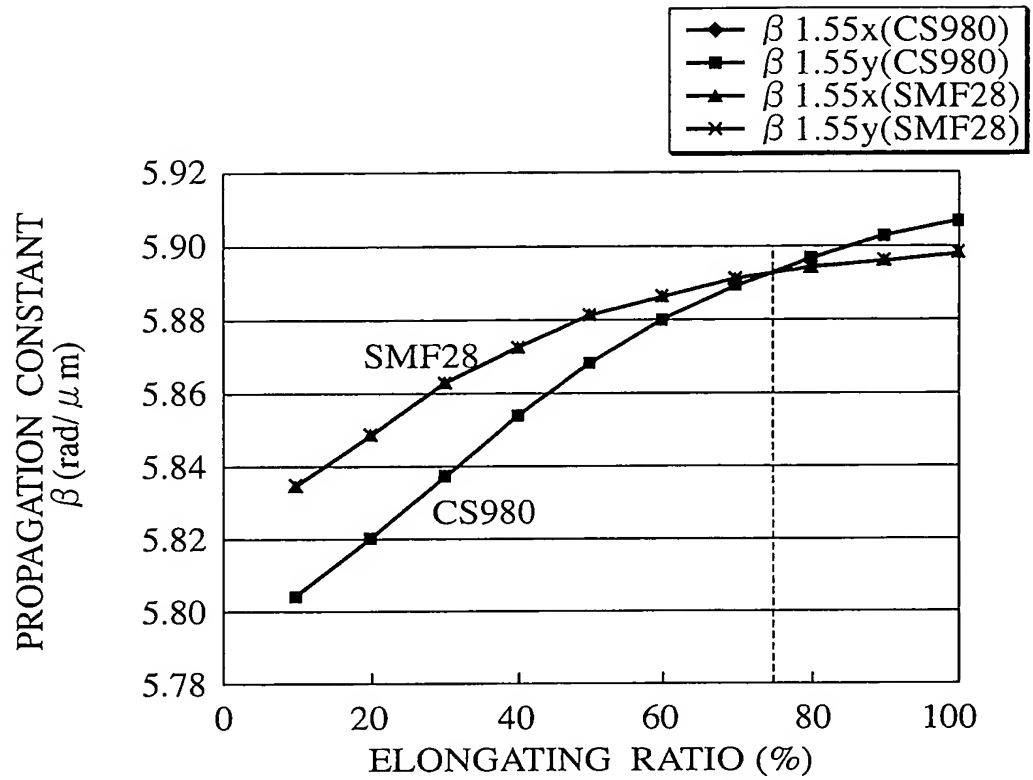


FIG.8

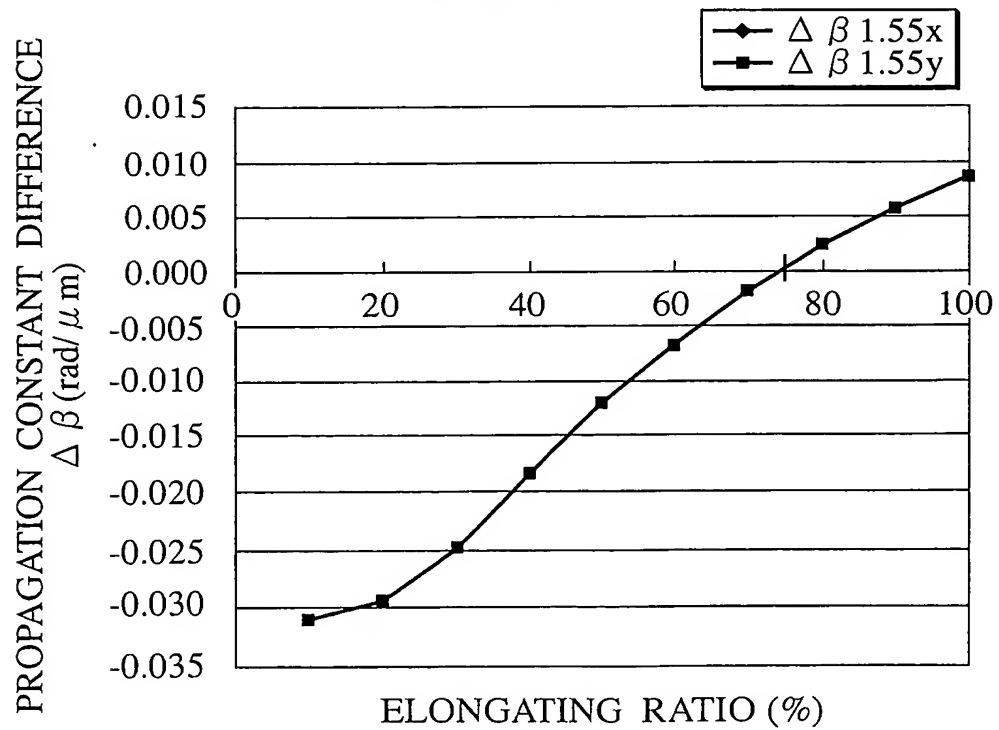


FIG.9

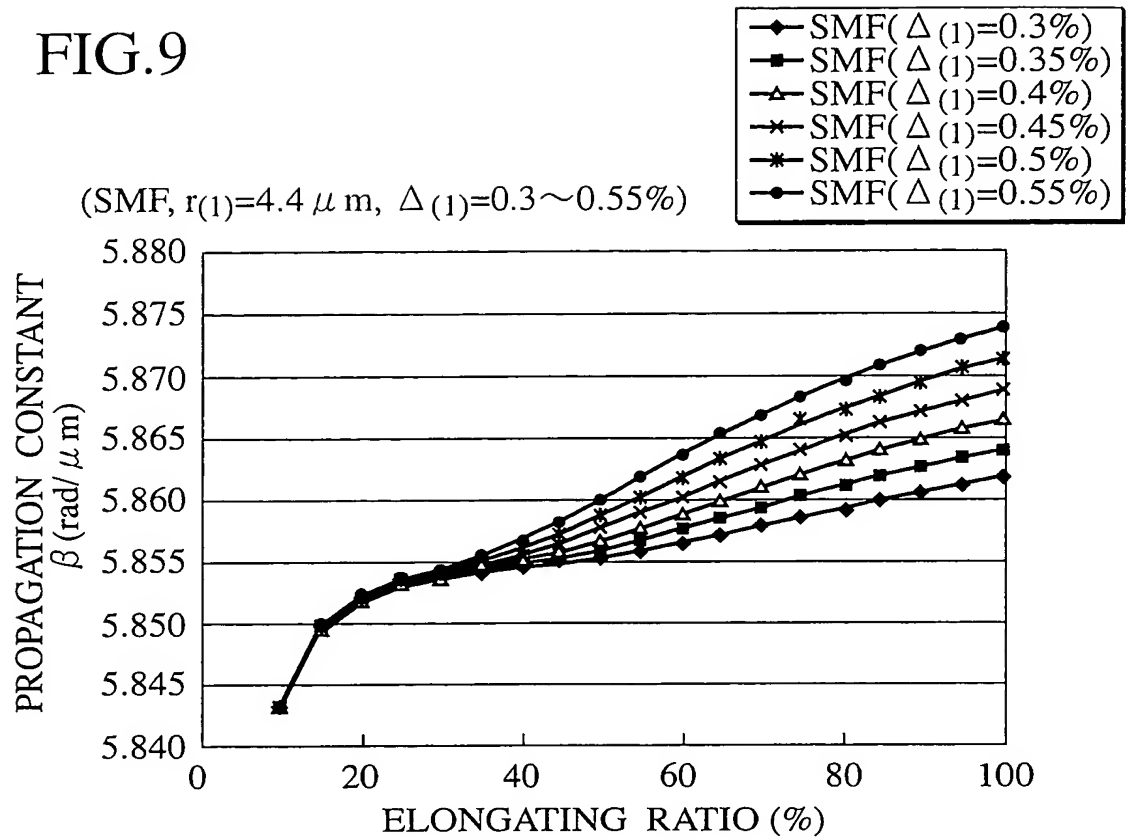


FIG.10

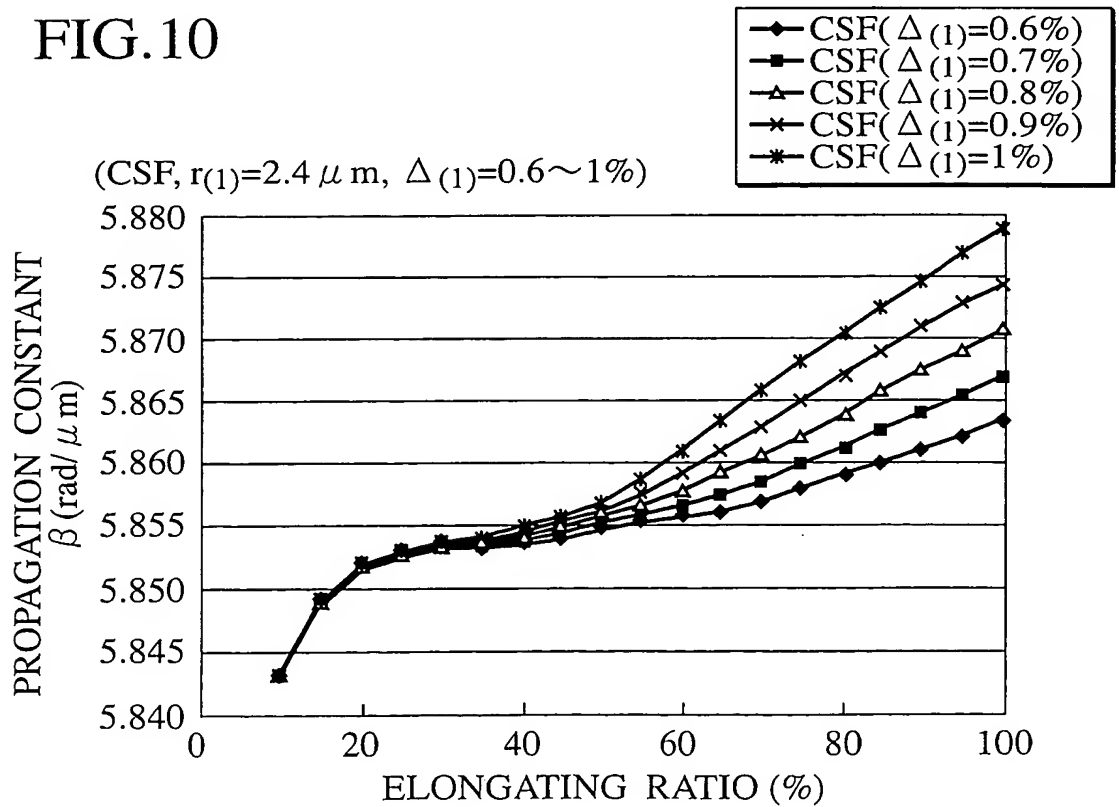


FIG.11

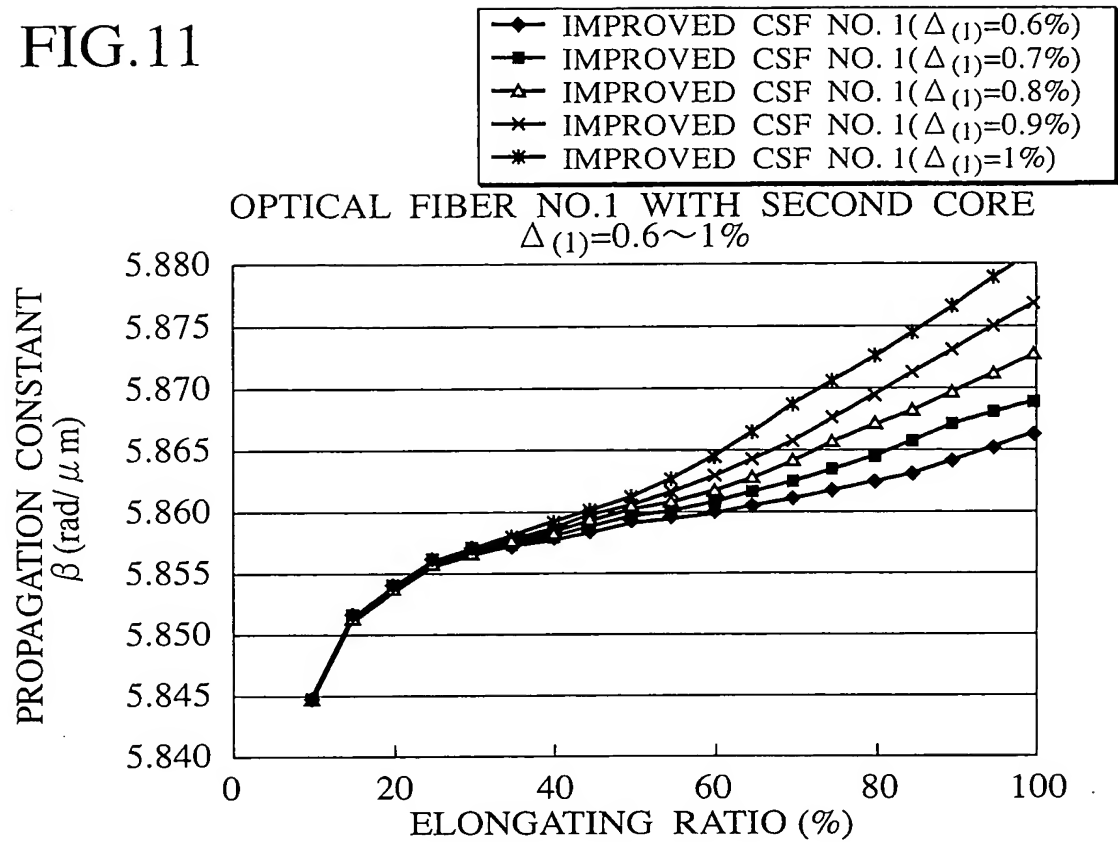


FIG.12

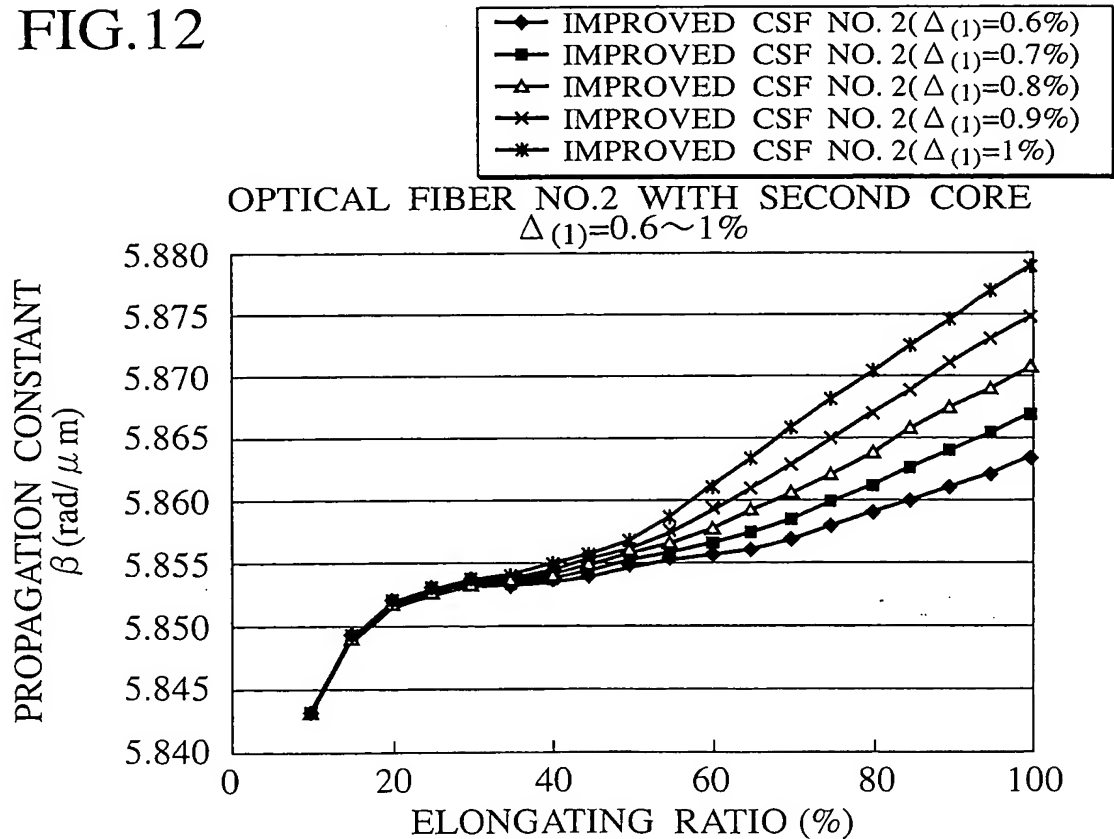




FIG.13

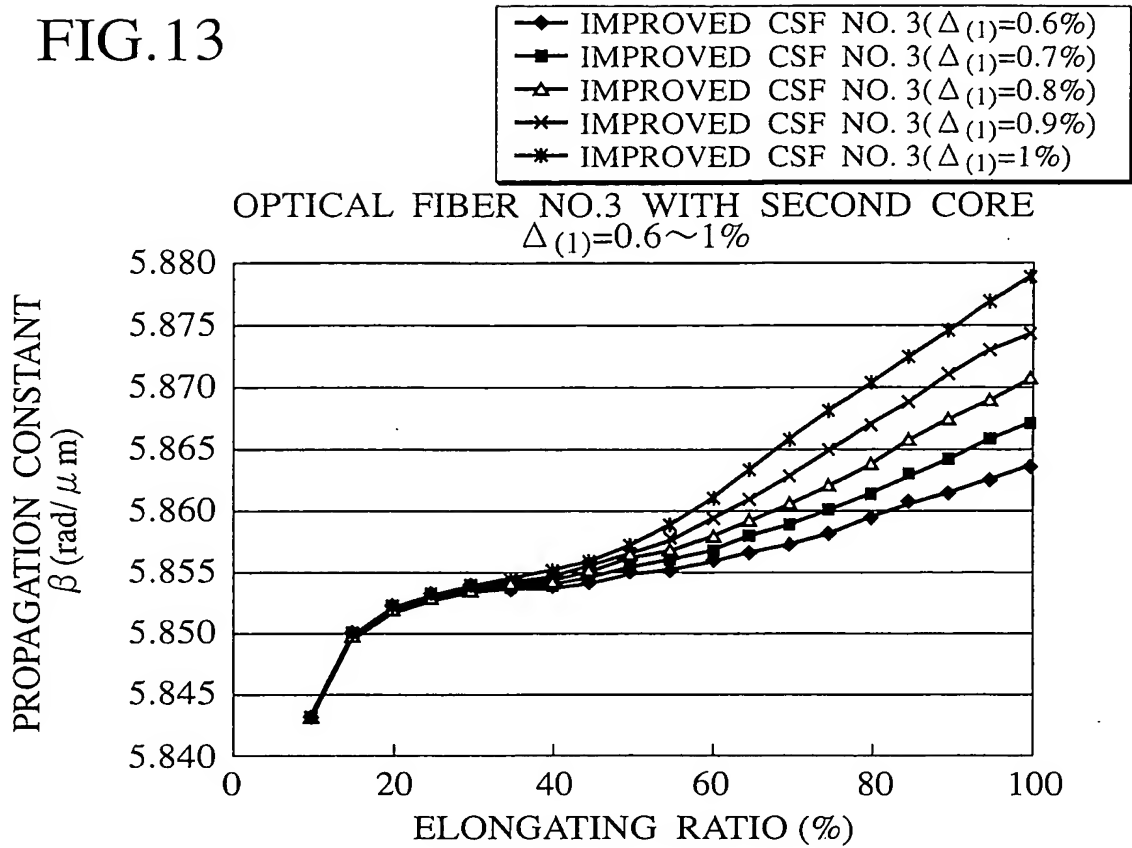


FIG.14

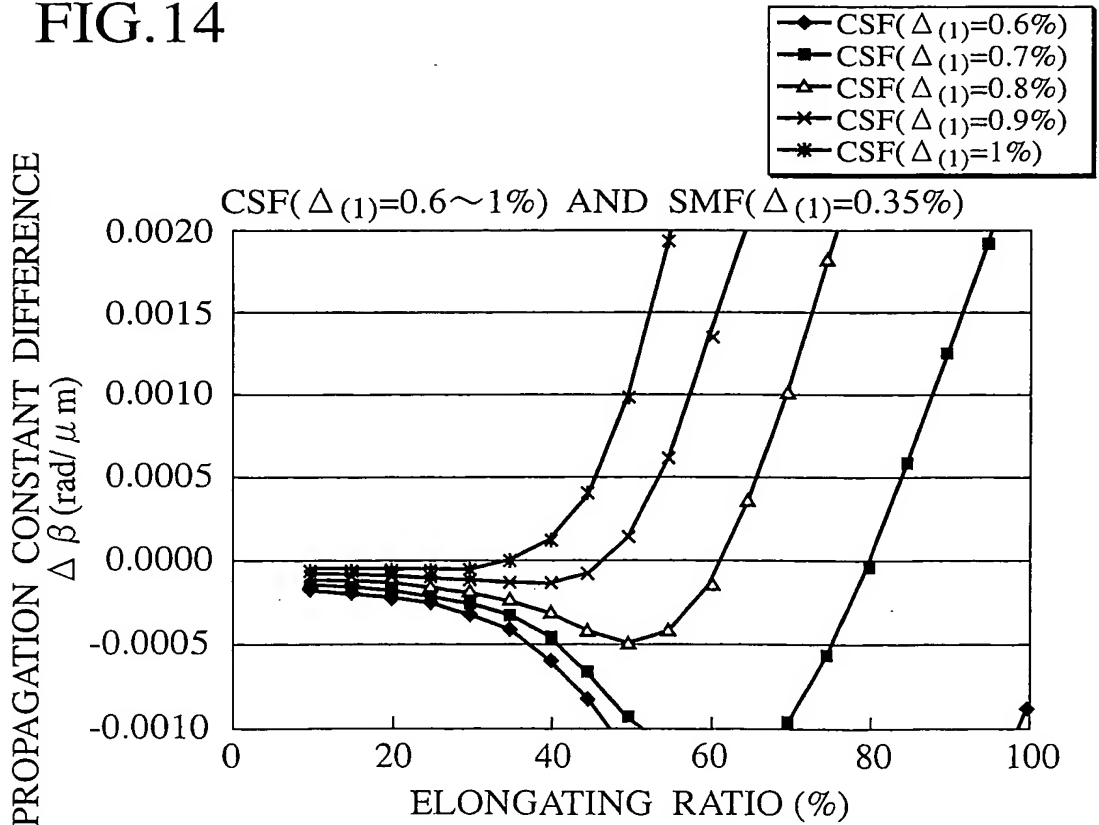


FIG.15

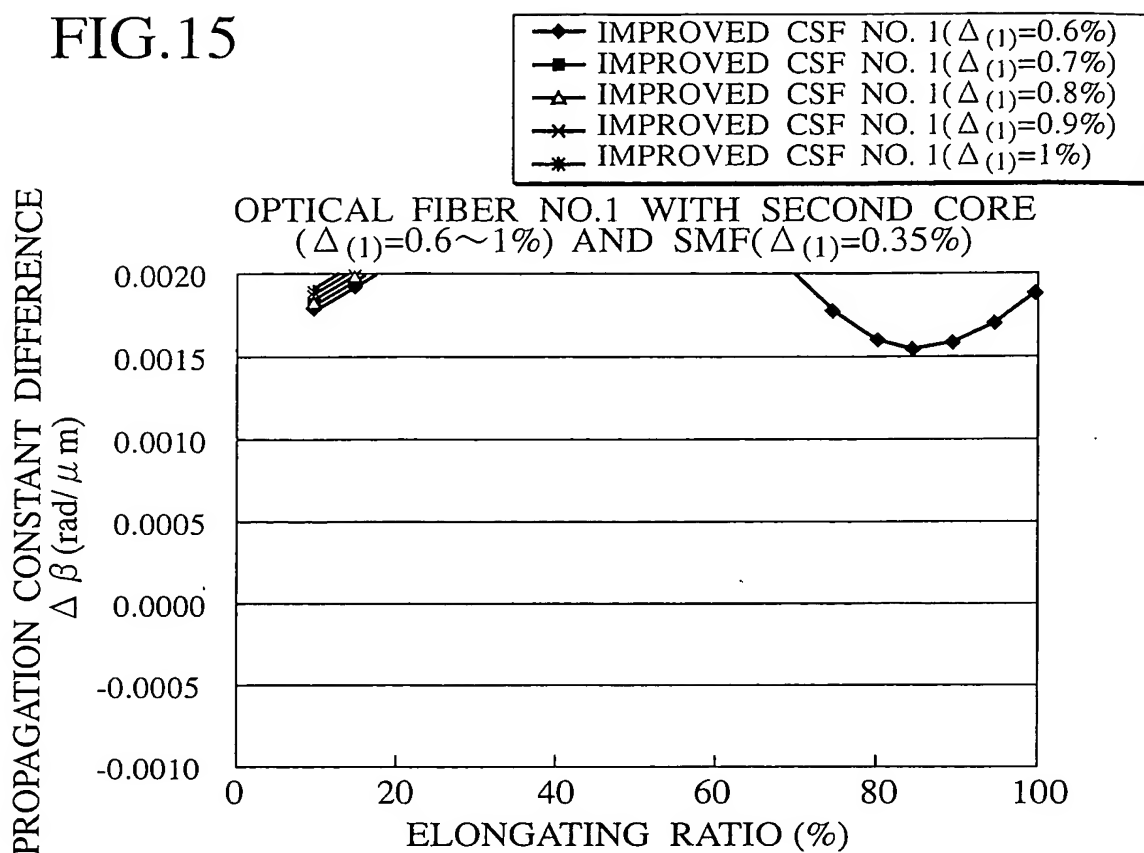


FIG.16

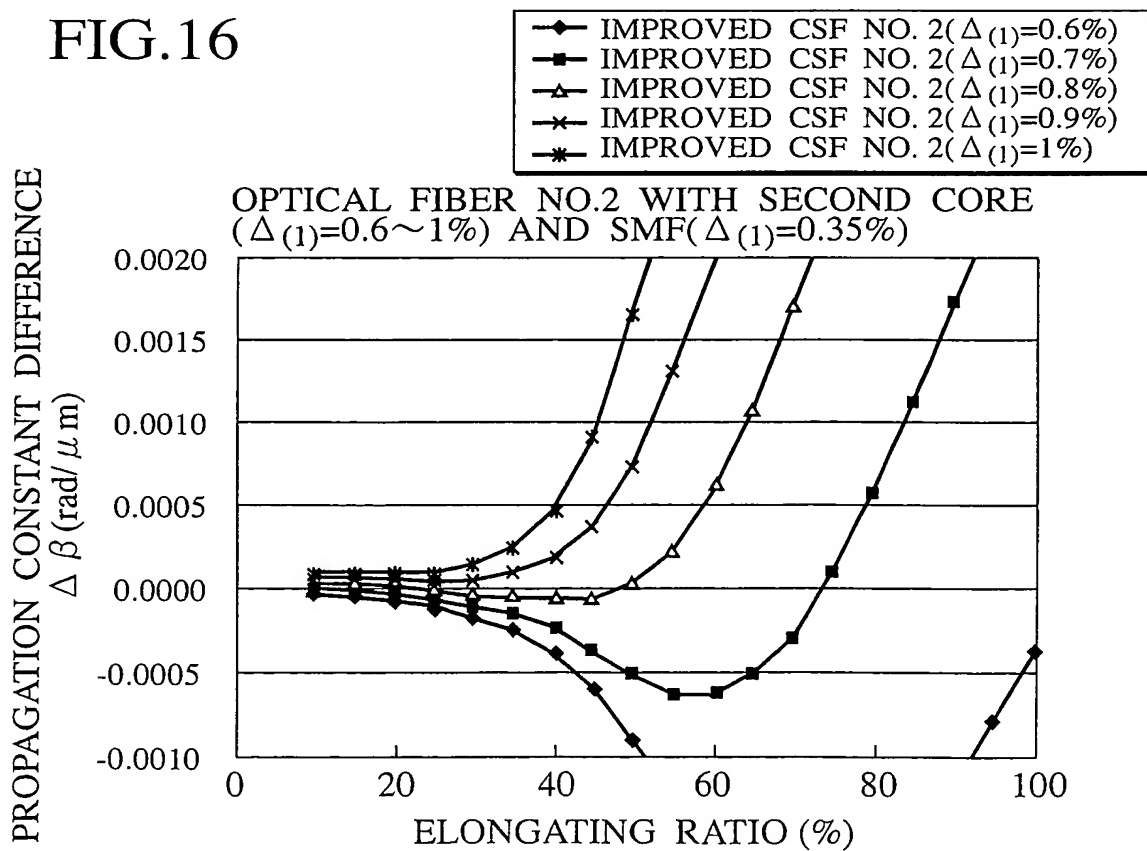


FIG.17

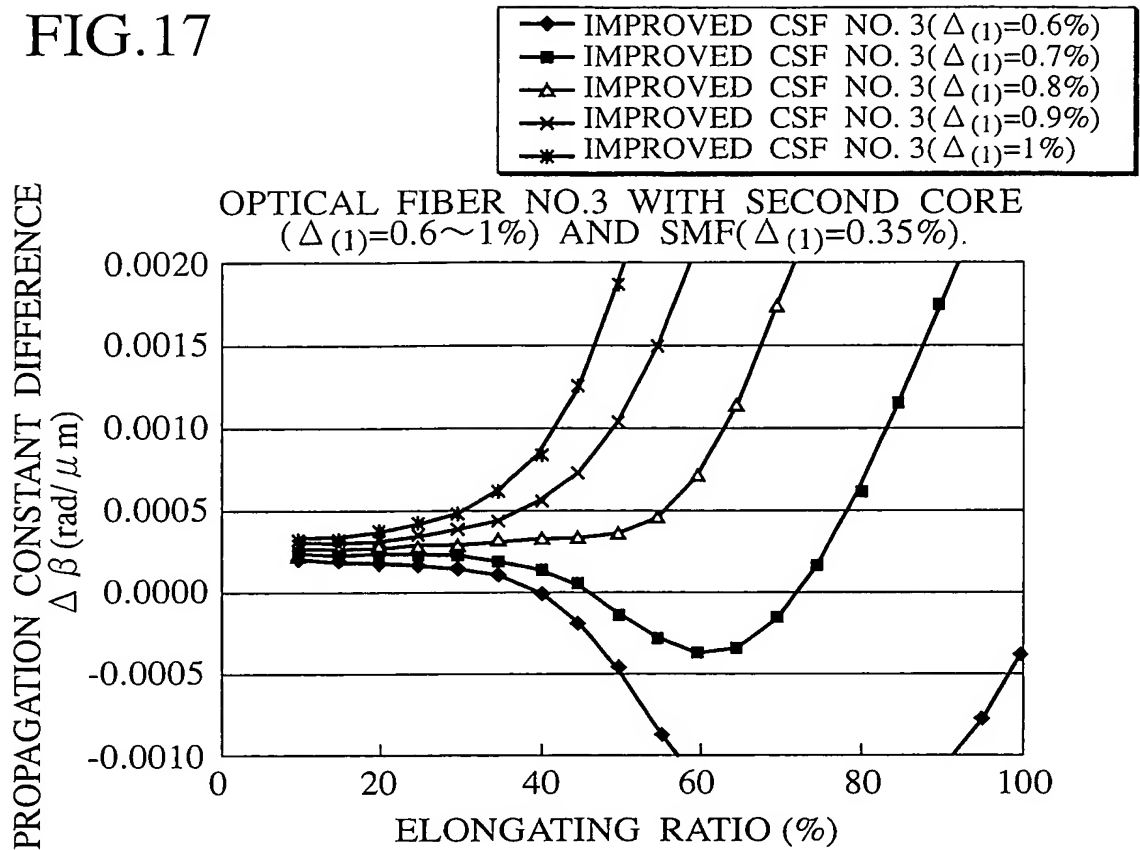


FIG.18

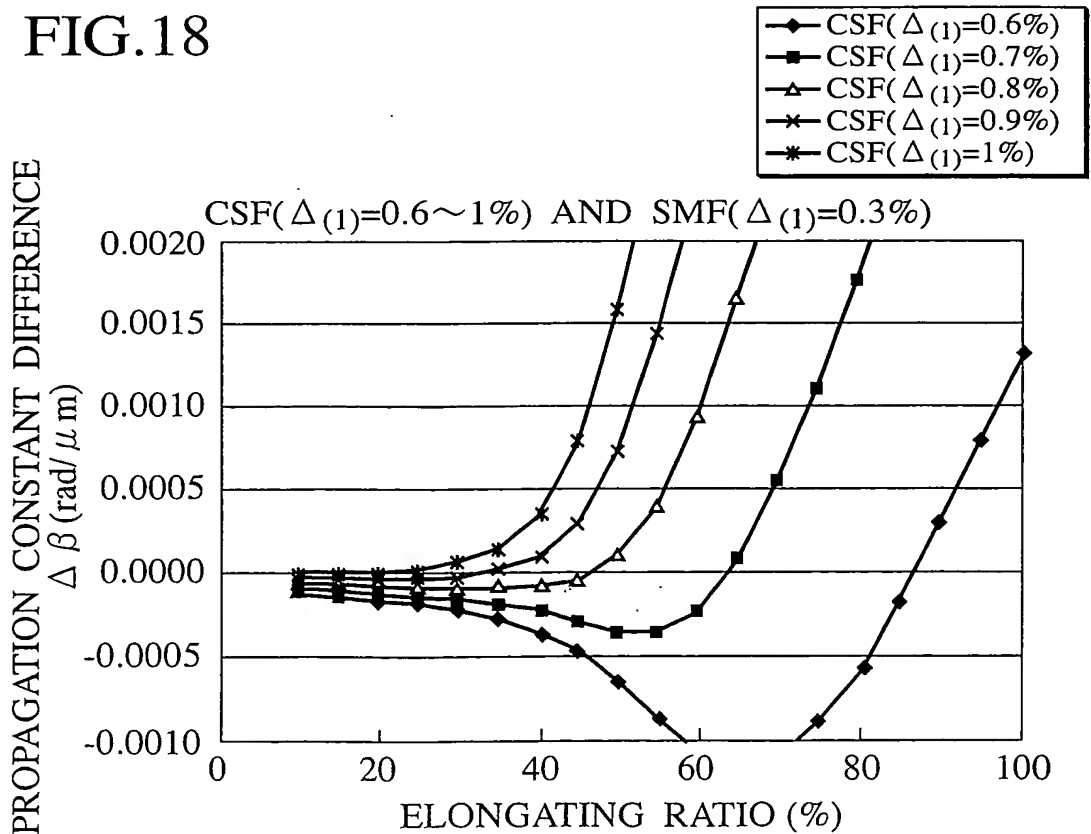


FIG.19

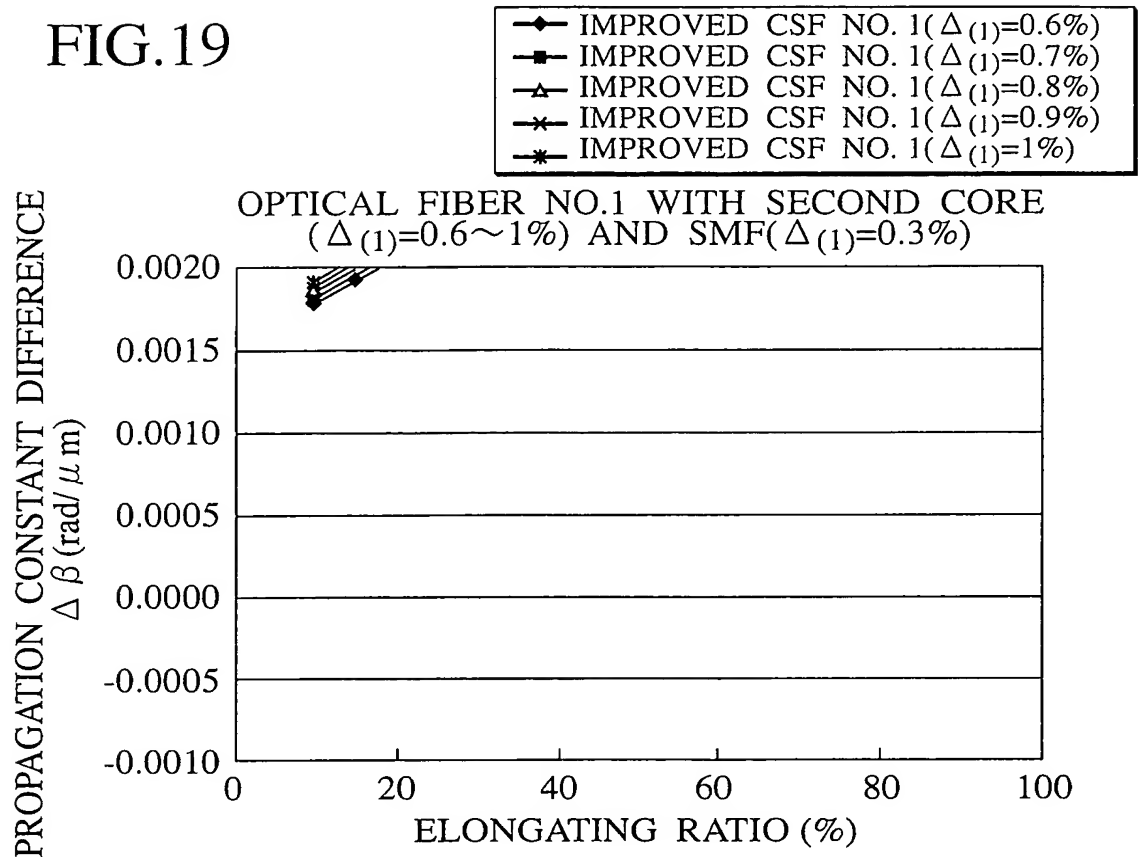


FIG.20

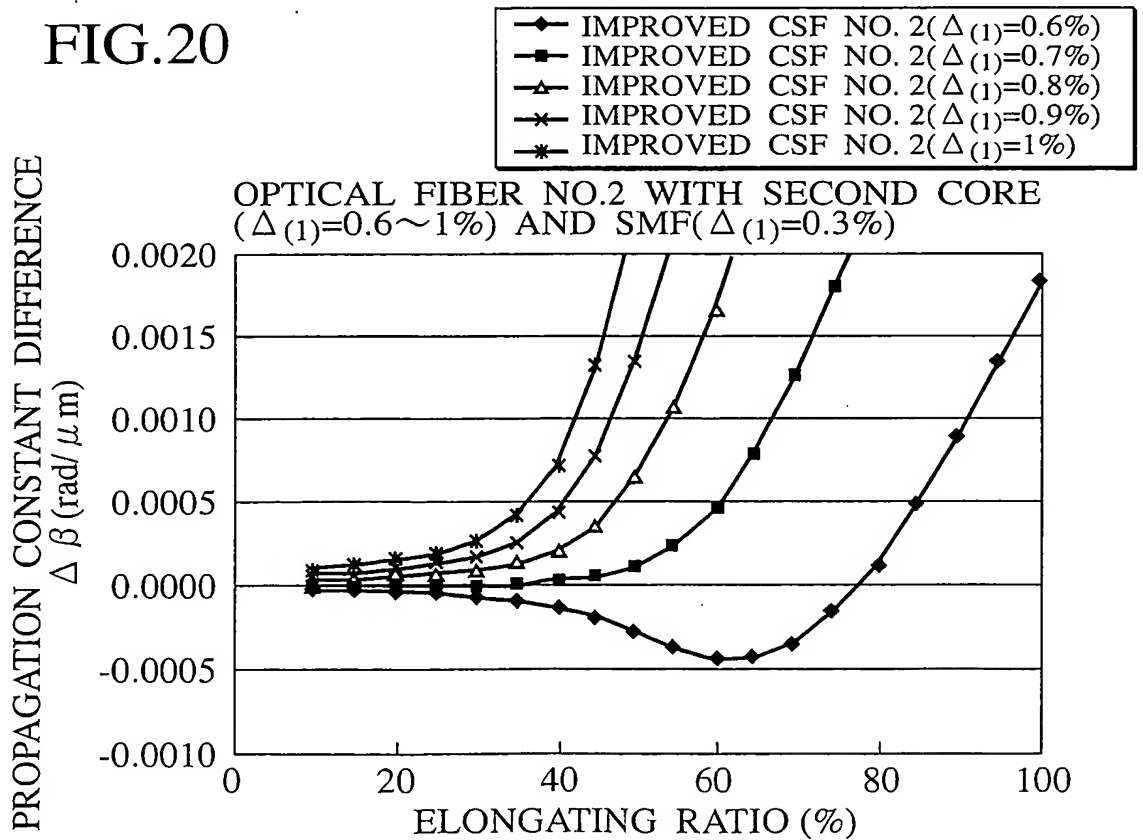
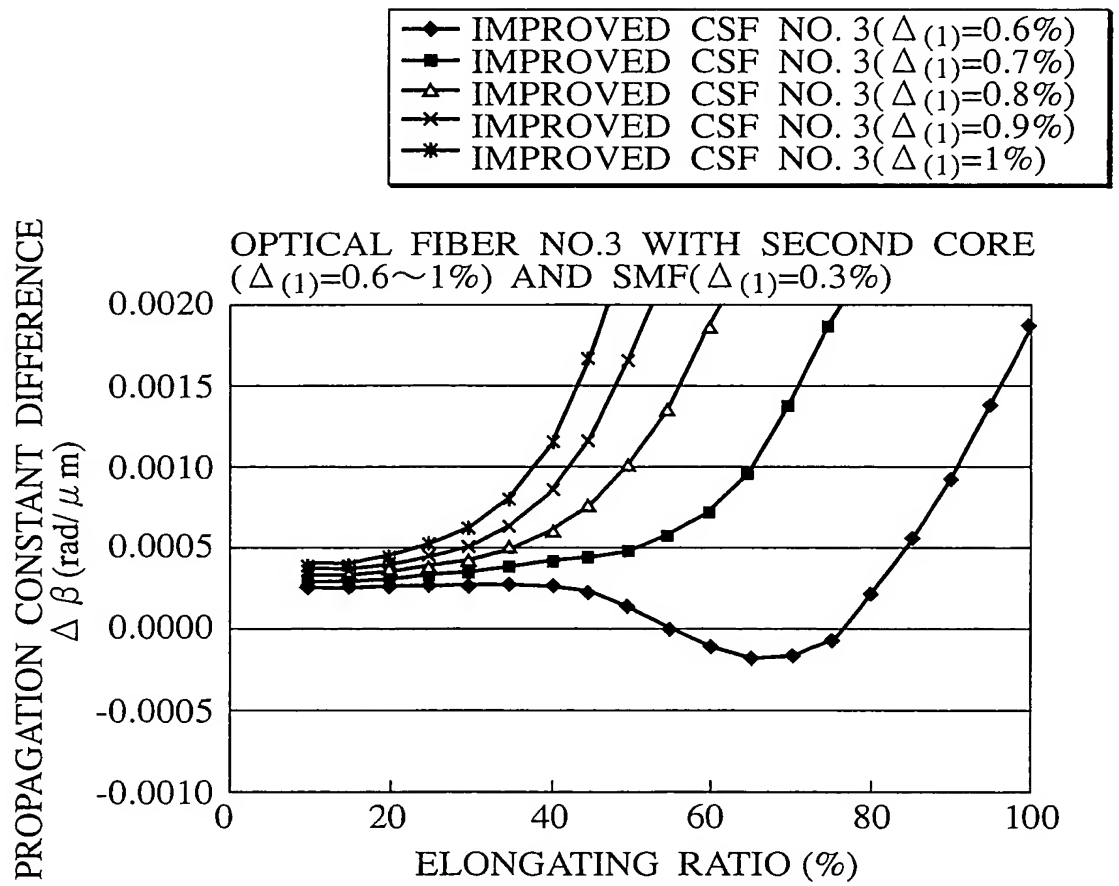


FIG.21



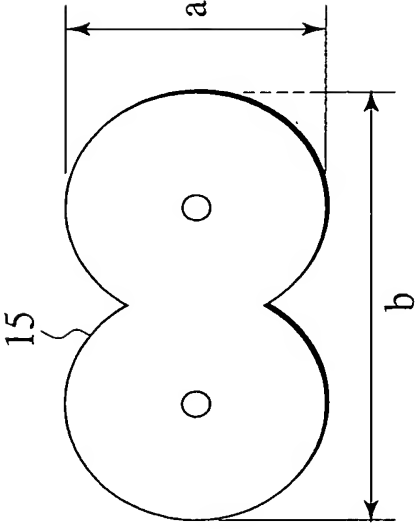


FIG. 22

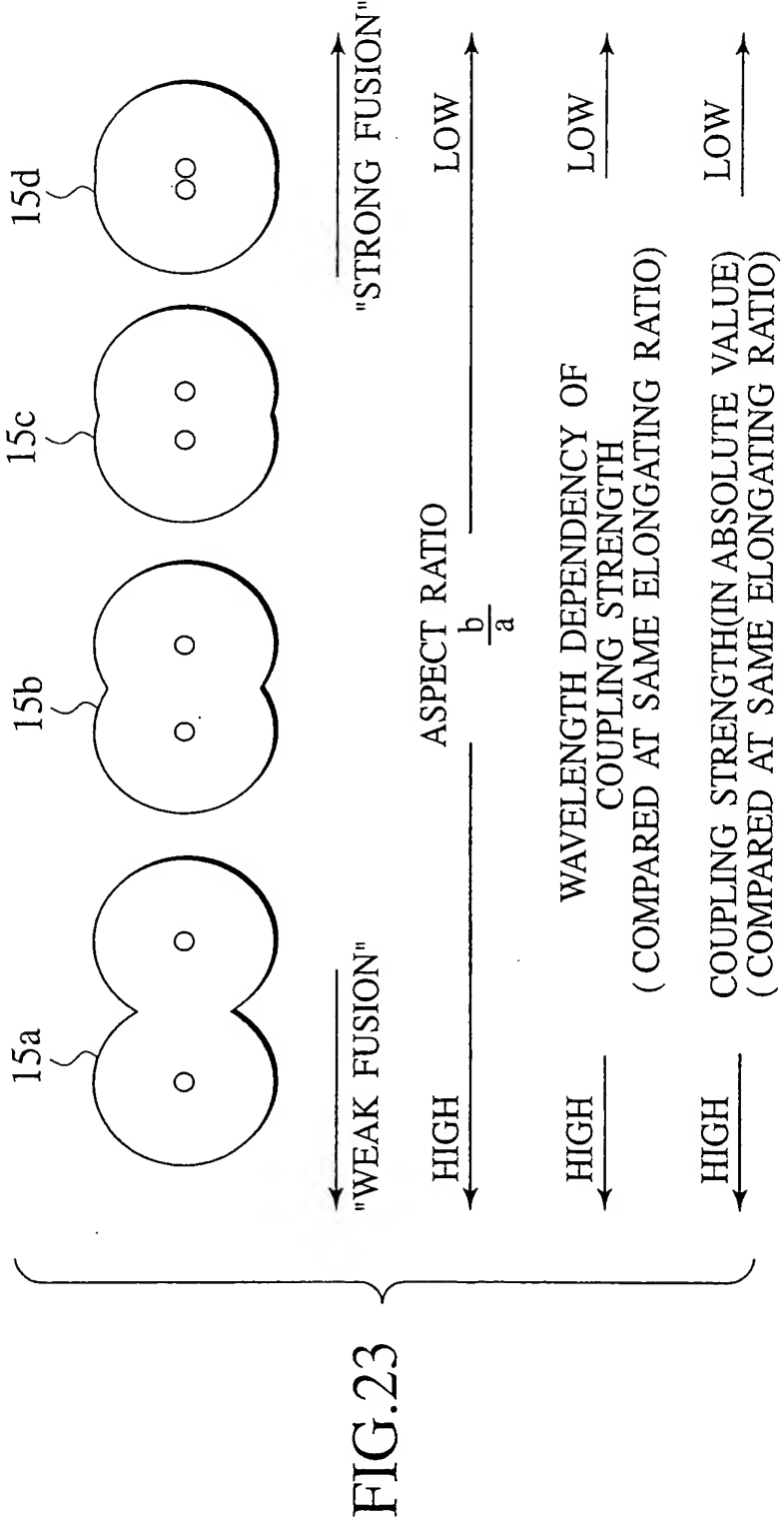


FIG. 23